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# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY**

**NPR 1080.1A**  
Effective Date: May 30, 2008  
Expiration Date: May 30,  
2013

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## **Subject: Requirements for the Conduct of NASA Research and Technology (R&T)**

**Responsible Office: Science Mission Directorate**

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## **Preface**

### **P.1 Purpose**

a. In conjunction with NASA Procedural Requirements (NPR) 7120.8, NASA Research and Technology Program and Project Management Requirements, this document establishes the requirements by which NASA will conduct research and technology (R&T), consistent with the governance model contained in NASA Policy Document (NPD) 1000.0, NASA Strategic Management and Governance Handbook.

b. While R&T program and project management requirements are established in NPR 7120.8, NASA Research and Technology Program and Project Management Requirements, this document establishes requirements for R&T planning, solicitation and selection of R&T proposals, peer review, quality assessment and performance metrics, data protection and R&T misconduct. The requirements described in this NPR are used to develop Mission Directorate (MD) and Mission Support Office (MSO) R&T management processes. These general principles also apply to the MD, MSO and Functional Offices which fund R&T that is specifically reported as part of the Government Performance and Results Act (GPRA).

### **P.2 Applicability**

a. This NPR is applicable to NASA Headquarters and NASA Centers, including Component Facilities and Technical and Service Support Centers. This NPR applies to the Jet Propulsion Laboratory (JPL), other contractors, grant recipients, or parties to agreements only to the extent specified or referenced in the appropriate contracts, grants, or agreements. Certain cooperative or partnership arrangements involving cost sharing with the private sector may be excluded from the scope of this NPR when approved by the appropriate Mission Directorate Associate Administrator (MDAA) or Mission Support Office Director (MSOD).

b. This NPR applies to all current and future R&T managed or funded by NASA .

c. R&T involving human subjects should be conducted in conformance with this NPR except in the areas of release and maintenance of resulting data (see NPD 7100.8, Protection of Human Research Subjects and NPR 7100.1, Protection of Human Research Subjects).

d. Any conflict between NPR 7120.8, NASA Research and Technology Program and Project Management Requirements and this NPR shall be jointly resolved by the Science Mission Directorate (SMD) and the Office of Chief Engineer (OCE).

### **P.3 Authority**

a. 42 U.S.C. 2473(c)(1), Section 203(c) (1) of the National Aeronautics and Space Act of 1958, as amended.

b. NPD 1080.1, NASA Research and Technology Policy

P.4 Applicable Documents

- a. NPD 1000.0, Strategic Management and Governance Handbook
- b. NPD 1000.3, The NASA Organization
- c. NPD 1001.0, NASA Strategic Plan
- d. NPD 1080.1, Policy for the Conduct of NASA Research and Technology (R&T)
- e. NPD 1150.11, Federal Advisory Committee Act (FACA) Committees
- f. NPD 1200.1, NASA Internal Control and Accountability
- g. NPD 1360.2, Initiation and Development of International Cooperation in Space and Aeronautics Programs.
- h. NPD 1440.6, NASA Records Management
- i. NPR 1441.1, NASA Records Retention Schedules
- j. NPD 1600.2, NASA Security Policy.
- k. NPR 1600.1, NASA Security Program Procedural Requirements.
- l. NPD 2200.1, Management of NASA Scientific and Technical Information m. NPR 2200.2, Requirements for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information
- n. NPR 2810.1, Security of Information Technology
- o. NPR 5100.4, Federal Acquisition Regulation Supplement (NASA/FAR Supplement) [48 CFR 1800-1899]
- p. NPR 5101.33, Procurement Advocacy Programs
- q. NPR 5800.1, Grant and Cooperative Agreement Handbook
- r. NPR 7100.1, Protection of Human Research Subjects
- s. NPD 7100.8, Protection of Human Research Subjects
- t. NPR 7120.5, NASA Space Flight Program and Project Management Requirements
- u. NPR 7120.8, NASA Research and Technology Program and Project Management Requirements
- v. NPR 7500.1, NASA Technology Commercialization Process
- w. NPD 8910.1, Care and Use of Animals
- x. NPR 8910.1, Care and Use of Animals
- y. 48 CFR, Federal Acquisition Regulations
- z. 14 CFR, Aeronautics and Space, Part 1275 Research Misconduct
- aa. Title 41 USC 423, Procurement Integrity

## **P.5 Measurement/Verification**

a. Compliance with this document is verified through oversight by the governing Program Management Council (PMC) and NASA internal controls described in NPD 1200.1, NASA Internal Control and Accountability. The cognizant MD or MSO shall periodically review and make recommendations to the governing PMC on the metrics that are used for inclusion in the Agency's budgetary, performance planning, and review documents and for other evaluative purposes.

## **P.6 Cancellation**

- a. NPR 1080.1, NASA Science Management.

/S/

Dr. S. Alan Stern

Associate Administrator for the Science Mission Directorate

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